

Amendments to the Claims

1. (Currently Amended) A device for use in applying impulse therapy to a limb of the human body comprising:

~~an inflatable bladder, bladder having volume-reducing internal component means for dissipating the flow of fluid into the bladder with accompanying reduction in fluid flow rates and noise generated by the fluid flow during pressurization of the bladder in a timed sequence of pressure hold and pressure release;~~

means for providing intermittent pulses of fluid to the bladder in accordance with the pre-determined timed sequence of pressure hold and pressure release, ~~release;~~ and

means for securing the bladder around the limb of the human body to apply the bladder to the area to be treated;

~~characterised in that the bladder is provided with a volume-reducing internal component which acts to dissipate the flow of fluid into the bladder with accompanying reduction in fluid flow rates and noise generated by the fluid flow during pressurisation of the bladder.~~

2. (Currently Amended) ~~A~~ The device as claimed in ~~claim 1~~, wherein the internal component is of foam material.

3. (Currently Amended) ~~A~~ The device as claimed in ~~claim 1~~, wherein the internal component is a gel.

4. (Canceled)

5. (Currently Amended) ~~A~~ The device as claimed in ~~claim 2-claim 2~~, wherein the foam is attached to one or both walls of the bladder.

6. (Currently Amended) ~~A~~ The device as claimed ~~claim 5-claim 5~~, wherein the foam is provided with air flow channels.

7. (Currently Amended) A device for use in applying impulse therapy to a limb of the human body comprising:

a flexible pad having an inflatable interior; ~~interior filled or partially filled with a cellular component providing means for reducing fluid flow rates and noise during pulsed pressurization of said inflatable interior of the flexible pad;~~

~~means for providing intermittent impulses of fluid to the inflatable interior in accordance with a predetermined timed sequence of pressure hold and pressure release; release; and~~

~~means for securing the flexible pad around the limb of the human body to apply the pad to the area to be treated;~~

~~characterised in that the inflatable interior is filled or partially filled with a cellular component providing means for reducing fluid flow rates and noise during pulsed pressurisation of said inflatable interior of the flexible pad.~~

8. (Canceled)

9. (Currently Amended) ~~A~~ The device as claimed in ~~claim 7~~ ~~claim 7~~, when the cellular component is a foam material.

10. (Currently Amended) A device for use in applying impulse therapy to a limb of the human body comprising:

a flexible pad having an inflatable chamber, ~~chamber having means for controlling fluid flow rates and noise level during pressurization of the inflatable chamber by varying the internal volume of the inflatable chamber;~~

means for providing intermittent pulses of fluid to the inflatable chamber in accordance with a predetermined timed sequence of pressure hold and pressure release; and

means for securing the flexible pad around the limb of the human body to apply the flexible pad to the area to be treated;

~~characterized in that the inflatable chamber is provided with means for varying the internal volume of the chamber thereby to control fluid flow rates and operation of noise during pressurisation of the chamber.~~

11. (Currently Amended) ~~A~~ The device as claimed in ~~claim 10~~ ~~claim 10~~, wherein said means for ~~controlling fluid flow rates and noise level during pressurization of the inflatable chamber by~~ varying the internal volume of the inflatable chamber is a gel or liquid.

12. (Canceled)